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CERTIFICATE OF MAILING

I hereby certify that on December 27, 2002, this paper (along with any paper referred to as being attached or enclosed) is being sent via first class mail in an envelope addressed to Commissioner for Patents, Washington, DC 20231.

Trudi Thompson
Trudi Thompson

PATENT

Applicant: **Douglas Jolly**
Serial No.: **10/001,729**
Filed: **October 22, 2001**
Title: **HIGH EFFICIENCY EX VIVO
TRANSDUCTION OF CELLS BY
HIGH TITER RECOMBINANT
RETROVIRAL PREPARATIONS**
Examiner: **Unknown**
Group Art Unit: **1632**
Atty Docket No.: **20263.439 (1157.003)**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

SUBMISSION OF SEQUENCE LISTING, COMPUTER READABLE COPY
AND/OR AMENDMENT PERTAINING THERETO FOR BIOTECHNOLOGY
INVENTION CONTAINING NUCLEOTIDE AND/OR AMINO ACID SEQUENCE
(37 CFR §§ 1.821-1.825)

Commissioner for Patents
Box Sequence
P.O. Box 2327
Arlington, VA 22202

Sir:

Pursuant to the Notice to Comply mailed October 28, 2002 (copy enclosed), Applicants enclose herewith a copy of the SEQUENCE LISTING in computer readable (ASCII) form. A paper copy of the SEQUENCE LISTING in compliance with 37 CFR §§ 1.821-1.825 for the nucleotide and amino acid sequences disclosed in the above-referenced application is also submitted herewith.

STATEMENT THAT COMPUTER READABLE COPY OF
THE SEQUENCE LISTING IS THE SAME AS THE
PAPER COPY OF THE SEQUENCE LISTING

I hereby state:

1. The computer readable (ASCII) form of the SEQUENCE LISTING submitted in this application is the same as the paper copy of the SEQUENCE LISTING to which it is indicated to relate.

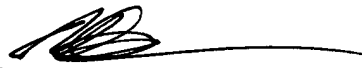
2. All papers accompanying this submission introduce no new matter to the accompanying application.

VERIFICATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of the Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Respectfully submitted,

December 27, 2002



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